| Ref<br># | Hits | Search Query   | DBs  | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|--|--|---------------------|---------|------------------|
| L1       | 48   | asogawa-minoru.in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/05/02 15:55 |
| L2       | 7    | L1 and electrophore\$4 and (separat\$3 or partition\$3 or fractionat\$3 or divid\$3)                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/05/02 15:58 |
| L3       | 119  | (separation with (plurality adj3 (channel or compartment))).clm.   | US-PGPUB   | OR                  | ON      | 2007/05/02 15:59 |
| L4       | 21   | L3 and ((separat\$3 or partition\$3 or fractionat\$3 or divid\$3) adj2 (compartment or chamber or cell)). clm. | US-PGPUB   | OR                  | ON      | 2007/05/02 16:03 |
| L5       | 1    | L4 and (first adj1 external adj1 force).clm.   | US-PGPUB   | OR                  | ON      | 2007/05/02 16:02 |
| L6       | 1    | L4 and (second adj1 external adj1 force).clm.  | US-PGPUB   | OR                  | ON      | 2007/05/02 16:02 |
| L7       | 1    | L4 and (check adj1 valve).clm.   | US-PGPUB   | OR                  | ON      | 2007/05/02 16:03 |
| L8       | 1    | L4 and (intercept\$4 or post or valve).clm.  | US-PGPUB   | OR                  | ON      | 2007/05/02 16:04 |
| L9       | 1    | L4 and (((main or center) adj1 channel) with ((sub or side) adj2 channel)).clm.                                | US-PGPUB   | OR                  | ON      | 2007/05/02 16:05 |
| L10      | 0    | L4 and (component with seperated). clm.  | US-PGPUB   | OR                  | ON      | 2007/05/02 16:06 |
| L11      | 2    | L4 and (component with separated). clm.  | US-PGPUB   | OR                  | ON      | 2007/05/02 16:07 |
| L12      | 1550 | (436/180).CCLS.  | US-PGPUB;<br>USPAT   | OR                  | OFF     | 2007/05/02 16:08 |
| L13      | 2034 | (422/99).CCLS.   | US-PGPUB;<br>USPAT   | OR                  | OFF     | 2007/05/02 16:08 |
| L14      | 2117 | (250/288).CCLS.  | US-PGPUB;<br>USPAT   | OR                  | OFF     | 2007/05/02 16:08 |

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| Ref<br># | Hits  | Search Query  | DBs                | Default<br>Operator | Plurals | Time Stamp       |
|----------|-------|---|--------------------|---------------------|---------|------------------|
| S15<br>5 | 6     | "20040256230".pn. or<br>"20010036672".pn. or "7029564".<br>pn. or "6277258".pn. or "6027623".<br>pn. or "6841128".pn.   | US-PGPUB;<br>USPAT | OR                  | ON      | 2007/04/27 13:13 |
| S15<br>6 | 6     | "20040256230".pn. or<br>"20010036672".pn. or "7029564".<br>pn. or "6277258".pn. or "6027623".<br>pn. or "6841128".pn.   | US-PGPUB;<br>USPAT | OR                  | ON      | 2007/04/27 15:24 |
| S15<br>7 | 6     | S156 and (compartment or chamber or cell)   | US-PGPUB;<br>USPAT | OR                  | ON      | 2007/05/01 11:03 |
| S15<br>8 | 5     | S156 and (compartment or chamber)   | US-PGPUB;<br>USPAT | OR                  | ON      | 2007/04/27 13:14 |
| S15<br>9 | 1     | "5427663".pn.   | US-PGPUB;<br>USPAT | OR                  | ON      | 2007/04/27 15:15 |
| S16<br>0 | 1     | "4561157".pn.   | US-PGPUB;<br>USPAT | OR                  | ON      | 2007/04/27 13:53 |
| S16<br>1 | 267   | (356/344).ccls.   | US-PGPUB;<br>USPAT | OR                  | ON      | 2007/04/27 14:02 |
| S16<br>2 | 8220  | (422/100-104).ccls.   | US-PGPUB;<br>USPAT | OR                  | ON      | 2007/04/27 14:02 |
| S16<br>3 | 2405  | (435/29,173.9).ccls.  | US-PGPUB;<br>USPAT | OR .                | ON      | 2007/04/27 14:02 |
| S16<br>4 | 2200  | (250/288,295).ccls.   | US-PGPUB;<br>USPAT | OR                  | ON      | 2007/04/27 14:03 |
| S16<br>5 | 2173  | (204/451-453,547,549,556,600-603,<br>643,645).ccls.   | US-PGPUB;<br>USPAT | OR                  | ON      | 2007/04/27 14:03 |
| S16<br>6 | 2413  | (436/47,52,53,180).ccls.  | US-PGPUB;<br>USPAT | OR                  | ON      | 2007/04/27 14:04 |
| S16<br>7 | 15804 | S161 or S162 or S163 or S164 or<br>S165 or S166   | US-PGPUB;<br>USPAT | OR                  | ON      | 2007/04/27 14:07 |
| S16<br>8 | 1405  | S167 and ((sample or fluid or liquid) with (separat\$4 or fractionat\$4 or Partition\$4) with (compartment or chamber)) | US-PGPUB;<br>USPAT | OR                  | ON      | 2007/04/27 14:10 |
| S16<br>9 | 105   | S168 and (electrophores\$4 with (electric adj1 field))  | US-PGPUB;<br>USPAT | OR                  | ON      | 2007/04/27 14:09 |
| S17<br>0 | 5276  | S167 and (capillary)  | US-PGPUB;<br>USPAT | OR                  | ON      | 2007/04/27 14:10 |
| S17      | 74    | S169 and (capillary)  | US-PGPUB;<br>USPAT | OR                  | ON .    | 2007/04/27 14:11 |
| S17<br>2 | 12    | S171 and (recovery)   | US-PGPUB;<br>USPAT | OR                  | ON      | 2007/04/27 14:20 |

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| S17<br>3 | 46 | S171 and ((inlet or feed) with (outlet or recovery or colection))    | US-PGPUB;<br>USPAT   | OR | ON | 2007/04/27 15:05 |
| S17<br>4 | 2  | "4534856".pn. or "5795457".pn.                                       | US-PGPUB;<br>USPAT   | OR | ON | 2007/04/27 14:52 |
| S17<br>5 | 0  | WO-9804355-\$.did. or<br>WO-9727933-\$.did. or<br>WO-9734689-\$.did. | US-PGPUB;<br>USPAT   | OR | ON | 2007/04/27 14:54 |
| S17<br>6 | 0  | WO-9804355-\$.did.   | US-PGPUB;<br>USPAT   | OR | ON | 2007/04/27 14:53 |
| S17<br>7 | 6  | WO-9804355-\$.did. or<br>WO-9727933-\$.did. or<br>WO-9734689-\$.did. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/27 14:55 |
| S17<br>8 | 3  | WO-9804355-\$.did. or<br>WO-9727933-\$.did. or<br>WO-9734689-\$.did. | DERWENT  | OR | ON | 2007/04/27 16:00 |
| S17<br>9 | 1  | WO-9727933-\$.did.   | DERWENT  | OR | ON | 2007/04/27 15:59 |
| S18<br>0 | 3  | "6440370".pn. or "6830936".pn. or<br>"5989499".pn.                   | US-PGPUB;<br>USPAT   | OR | ON | 2007/04/27 15:04 |
| S18<br>1 | 8  | S171 and ((bent or curved) with (capillary or channel))              | US-PGPUB;<br>USPAT   | OR | ON | 2007/04/27 18:41 |
| S18<br>2 | 1  | "7029564".pn.  | US-PGPUB;<br>USPAT   | OR | ON | 2007/04/27 15:15 |
| S18<br>3 | 1  | "20010036672".pn.  | US-PGPUB;<br>USPAT   | OR | ON | 2007/04/27 15:43 |
| S18<br>4 | 1  | S183 and (check adj1 valve)  | US-PGPUB;<br>USPAT   | OR | ON | 2007/04/27 15:31 |
| S18<br>5 | 1  | S183 and pressure  | US-PGPUB;<br>USPAT   | OR | ON | 2007/04/27 15:58 |
| S18<br>6 | 0  | S179 and branch\$3   | US-PGPUB;<br>USPAT   | OR | ON | 2007/04/27 15:59 |
| S18<br>7 | 1  | WO-9734689-\$.did.   | DERWENT  | OR | ON | 2007/04/27 16:01 |
| S18<br>8 | 0  | S187 and (check adj1 valve)  | DERWENT  | OR | ON | 2007/04/27 16:04 |
| S18<br>9 | 0  | S168 and (mass adj1 spectromet\$3)                                   | DERWENT  | OR | ON | 2007/04/27 16:10 |
| S19<br>0 | 0  | S168 and (enzym with digest\$4)                                      | DERWENT  | OR | ON | 2007/04/27 16:04 |
| S19<br>1 | 0  | S187 and (drying)  | DERWENT  | OR | ON | 2007/04/27 16:05 |

| C10      | _    | C107 1 (1+2)   | DEDVICE  | 00 |    | 2007/04/27 14 27 |
|----------|------|--|--|----|----|------------------|
| S19<br>2 | 0    | S187 and (dry\$3)  | DERWENT  | OR | ON | 2007/04/27 16:05 |
| S19<br>3 | 7584 | (separat\$5 with sample with (compartment or segment or partition or chamber))                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/27 16:06 |
| S19<br>4 | 139  | (separat\$5 with (biological adj1 sample) with (compartment or segment or partition or chamber)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/27 16:07 |
| S19<br>5 | 0    | S193 and (enzym adj1 digest\$4)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/27 16:08 |
| S19<br>6 | 279  | S193 and (pretreatment)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/27 16:08 |
| S19<br>7 | 0    | S193 and (pretreatment) and enzym  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/27 16:08 |
| S19<br>8 | 162  | S193 and (pretreatment) and enzyme   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/27 16:08 |
| S19<br>9 | 121  | S193 and (enzyme adj1 digest\$4)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/27 16:08 |

|          |     |  | 1  | ·  | ·  |                  |
|----------|-----|--|--|----|----|------------------|
| S20<br>0 | 21  | S199 and S196  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/27 16:09 |
| S20<br>1 | 956 | S193 and (mass adj1 (spectroscopy or spectromet\$3)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/27 16:11 |
| S20<br>2 | 12  | S200 and S201  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/27 16:22 |
| S20<br>3 | 11  | S202 and (drying or dried)                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/27 16:26 |
| S20<br>4 | 1   | "5716825".pn.  | US-PGPUB;<br>USPAT   | OR | ON | 2007/04/27 19:14 |
| S20<br>5 | 1   | S204 and (drying or dried)                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/27 16:23 |
| S20<br>6 | 0   | S202 and (micro adj1 chip)                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/27 17:13 |
| S20<br>7 | 1   | S183 and (differential adj1 pressure)                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/27 17:37 |

| S20<br>8 | 1    | S183 and (fluid adj3 resistance)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/27 17:39 |
|----------|------|---|--|----|----|------------------|
| S20<br>9 | 1    | S183 and (fluid adj3 resist\$4)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/27 17:39 |
| S21<br>0 | 1    | S183 and (fluid\$2 adj3 resist\$4)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/27 17:39 |
| S21<br>1 | 1    | "6103199".pn.   | US-PGPUB;<br>USPAT   | OR | ON | 2007/04/27 18:36 |
| S21<br>2 | 1    | S211 and electrophoret\$3   | US-PGPUB;<br>USPAT   | OR | ON | 2007/04/27 18:36 |
| S21<br>3 | 4    | S181 and (resistan\$3)  | US-PGPUB;<br>USPAT   | OR | ON | 2007/04/27 18:42 |
| S21<br>4 | 0    | S181 and ((ben\$4 or curv\$4) with resistan\$3)   | US-PGPUB;<br>USPAT   | OR | ON | 2007/04/27 18:43 |
| S21<br>5 | 1    | S204 and chip   | US-PGPUB;<br>USPAT   | OR | ON | 2007/04/27 19:15 |
| S21<br>6 | 1    | S204 and (micro or chip)  | US-PGPUB;<br>USPAT   | OR | ON | 2007/04/27 19:15 |
| S21<br>7 | 8020 | (separat\$3 or partition\$3 or fractionat\$3 or divid\$3) with (compartment or chamber or capillary) with electrophore\$4 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/30 17:07 |
| S21<br>8 | 10   | S217 and ((curv\$4 or bent or bend\$4 or zig-zag or folded) with channel with geometry)                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/30 16:03 |

| S21<br>9 | 17  | S217 and ((curv\$4 or bent or<br>bend\$4 or zig-zag or folded) with<br>(capillary or channel) with<br>geometry) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/05/01 13:40 |
|----------|-----|---|--|------|----|------------------|
| S22<br>0 | 163 | self-assembl\$3 with assay  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/04/30 17:08 |
| S22<br>1 | 1   | self-assembl\$3 with (DNA near3 assay)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/04/30 17:11 |
| S22<br>2 | 5   | self-assembl\$3 with (gene adj1 sequenc\$4)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/04/30 17:09 |
| S22<br>3 | 0   | self-assembl\$3 with (RNA near3 (hybridization or assay))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | ON | 2007/04/30 17:11 |
| S22<br>4 | 23  | self-assembl\$3 with (DNA near3 (hybridization or assay))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/04/30 17:11 |
| S22<br>5 | 23  | self-assembl\$3 with (DNA near3 hybridization )   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/04/30 17:12 |

| S22<br>6 | 0     | self-assembl\$3 with (RNA near3   | US-PGPUB;   | OR  | ON | 2007/04/30 17:12 |
|----------|-------|---|---|-----|----|------------------|
| 0        |       | hybridization )   | USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | . , |    |                  |
| S22<br>7 | 7     | "20060144706".pn. or<br>"20040047767".pn. or<br>"20030052006".pn. or<br>"20010020588".pn. or "6991713".<br>pn. or "6762059".pn. "6696022".pn.         | US-PGPUB;<br>USPAT  | OR  | ON | 2007/05/01 11:05 |
| S22<br>8 | 0     | S227 and ((back adj1 flow) or (check adj1 valve))   | US-PGPUB;<br>USPAT  | OR  | ON | 2007/05/01 11:06 |
| S22<br>9 | 7     | S227 and (electrophore\$4)  | US-PGPUB;<br>USPAT  | OR  | ON | 2007/05/01 11:33 |
| S23<br>0 | 0     | S227 and (compartment or partition)   | US-PGPUB;<br>USPAT  | OR  | ON | 2007/05/01 11:07 |
| S23<br>1 | 1     | S227 and (fractionat\$4)  | US-PGPUB;<br>USPAT  | OR  | ON | 2007/05/01 11:12 |
| S23<br>2 | 7     | S227 and (outlet or output or collection or port)   | US-PGPUB;<br>USPAT  | OR  | ON | 2007/05/01 17:49 |
| S23<br>3 | 0     | S227 and (collection adj3 port)   | US-PGPUB;<br>USPAT  | OR  | ON | 2007/05/01 11:33 |
| S23<br>4 | 11162 | (422/63,68.1,99-104).ccls.  | US-PGPUB;<br>USPAT  | OR  | ON | 2007/05/02 10:05 |
| S23<br>5 | 2897  | (204/450-456,547,549,556,600-606,<br>643,645).ccls.   | US-PGPUB;<br>USPAT  | OR  | ON | 2007/05/02 10:04 |
| S23<br>6 | 2203  | (250/288,295).ccls.   | US-PGPUB;<br>USPAT  | OR  | ON | 2007/05/02 10:05 |
| S23<br>7 | 2417  | (436/47,52,53,180).ccls.  | US-PGPUB;<br>USPAT  | OR  | ON | 2007/05/02 10:06 |
| S23<br>8 | 2406  | (435/29,173.9).ccls.  | US-PGPUB;<br>USPAT  | OR  | ON | 2007/05/02 10:06 |
| S23<br>9 | 18903 | S234 or S235 or S236 or S237 or<br>S238   | US-PGPUB;<br>USPAT  | OR  | ON | 2007/05/01 12:50 |
| S24<br>0 | 5377  | S239 and ((fraction\$4 or separat\$4 or break\$4 or divid\$4 or dissociat\$4 or diintegrat\$4) with (compartment or chamber or channel or partition)) | US-PGPUB;<br>USPAT  | OR  | ON | 2007/05/01 12:50 |
| S24<br>1 | 1     | S240 and electrophore\$4 and ((separat\$3 or partition\$3 or fractionat\$3 or divid\$3) adj3 in\$2 adj3 (compartment or chamber or column))           | US-PGPUB;<br>USPAT  | OR  | ON | 2007/05/01 13:32 |

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|                       |      |  |                    |    | ,  |                  |
|-----------------------|------|--|--------------------|----|----|------------------|
| S24<br>2              | 2211 | S240 and electrophore\$4 and (separat\$3 or partition\$3 or fractionat\$3 or divid\$3)                 | US-PGPUB;<br>USPAT | OR | ON | 2007/05/01 14:58 |
| S24<br>3              | 134  | S242 and (field with revers\$4)  | US-PGPUB;<br>USPAT | OR | ON | 2007/05/01 13:34 |
| S24<br>4              | 94   | S242 and (field near3 revers\$4)   | US-PGPUB;<br>USPAT | OR | ON | 2007/05/01 14:36 |
| S24 <sup>-</sup><br>5 | 14   | S242 and (revers\$4 adj1 field)  | US-PGPUB;<br>USPAT | OR | ON | 2007/05/01 13:34 |
| S24<br>6              | 15   | S242 and ((curv\$4 or bent or bend\$4 or zig-zag or folded) with (capillary or channel) with geometry) | US-PGPUB;<br>USPAT | OR | ON | 2007/05/01 18:41 |
| S24<br>7              | 5    | S246 and (valve)   | US-PGPUB;<br>USPAT | OR | ON | 2007/05/01 14:13 |
| S24<br>8              | 3    | S246 and (check adj1 valve)  | US-PGPUB;<br>USPAT | OR | ON | 2007/05/01 16:26 |
| S24<br>9              | 0    | S246 and (field near3 revers\$4)   | US-PGPUB;<br>USPAT | OR | ON | 2007/05/02 10:10 |
| S25<br>0              | 2    | "6696022".pn. or "5167790".pn.   | US-PGPUB;<br>USPAT | OR | ON | 2007/05/01 17:41 |
| S25<br>1              | 2    | S250 and electrophore\$4 and (separat\$3 or partition\$3 or fractionat\$3 or divid\$3)                 | US-PGPUB;<br>USPAT | OR | ON | 2007/05/01 15:23 |
| S25<br>2              | 1    | S250 and (sample adj3 separat\$4)  | US-PGPUB;<br>USPAT | OR | ON | 2007/05/02 10:08 |
| S25<br>3              | 1    | S250 and (high adj1 throughput)  | US-PGPUB;<br>USPAT | OR | ON | 2007/05/01 15:23 |
| S25<br>4              | 1    | "20020195344".pn. and (check adj1 valve)   | US-PGPUB;<br>USPAT | OR | ON | 2007/05/01 16:27 |
| S25<br>5              | 1    | "20040163957".pn. and (check adj1 valve)   | US-PGPUB;<br>USPAT | OR | ON | 2007/05/01 16:27 |
| S25<br>6              | 2    | S254 or S255   | US-PGPUB;<br>USPAT | OR | ON | 2007/05/01 16:27 |
| S25<br>7              | 1    | "5167790".pn.  | US-PGPUB;<br>USPAT | OR | ON | 2007/05/01 17:30 |
| S25<br>8              | 1    | "5578460".pn.  | US-PGPUB;<br>USPAT | OR | ON | 2007/05/01 17:30 |
| S25<br>9              | 2    | "6696022".pn. or "5167790".pn.   | US-PGPUB;<br>USPAT | OR | ON | 2007/05/01 19:12 |
| S26<br>0              | 2    | S259 and (recover2 or collecti\$3n or output or outlet)  | US-PGPUB;<br>USPAT | OR | ON | 2007/05/01 17:43 |
| S26<br>1              | 2    | S259 and (recover2 or collecti\$3 or output or outlet)   | US-PGPUB;<br>USPAT | OR | ON | 2007/05/01 17:44 |

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|          |       |   |                    | •               | ,  |                  |
|----------|-------|---|--------------------|-----------------|----|------------------|
| S26<br>2 | 0     | S259 and (collecti\$3 with port)              | US-PGPUB;<br>USPAT | OR              | ON | 2007/05/01 17:50 |
| S26<br>3 | 0     | S259 and (recovery)                           | US-PGPUB;<br>USPAT | OR              | ON | 2007/05/01 17:44 |
| S26<br>4 | 3     | S258 or "6103199".pn. or<br>"20060144706".pn. | US-PGPUB;<br>USPAT | OR              | ON | 2007/05/01 18:15 |
| S26<br>5 | 1     | S264 and (collecti\$3 with port)              | US-PGPUB;<br>USPAT | OR .            | ON | 2007/05/01 17:50 |
| S26<br>6 | 1     | "20060063273".pn.                             | US-PGPUB;<br>USPAT | OR              | ON | 2007/05/01 18:06 |
| S26<br>7 | 2     | S259 and select\$4                            | US-PGPUB;<br>USPAT | OR <sub>.</sub> | ON | 2007/05/01 18:26 |
| S26<br>8 | 0     | S259 and (strectch\$4 with select\$4)         | US-PGPUB;<br>USPAT | OR              | ON | 2007/05/01 18:21 |
| S26<br>9 | . 0   | S259 and (main with branch)                   | US-PGPUB;<br>USPAT | OR              | ON | 2007/05/01 19:15 |
| S27<br>0 | 1     | S259 and (branch)                             | US-PGPUB;<br>USPAT | OR              | ON | 2007/05/01 18:26 |
| S27<br>1 | 1     | "6696022".pn.                                 | US-PGPUB;<br>USPAT | OR              | ON | 2007/05/01 18:42 |
| S27<br>2 | 1     | S271 and (range)                              | US-PGPUB;<br>USPAT | OR              | ON | 2007/05/01 18:41 |
| S27<br>3 | 2     | "6696022".pn. or "5578460".pn.                | US-PGPUB;<br>USPAT | OR              | ON | 2007/05/01 18:43 |
| S27<br>4 | 0     | S273 and (migrat\$4 with range)               | US-PGPUB;<br>USPAT | OR              | ON | 2007/05/01 18:46 |
| S27<br>5 | 0     | S273 and (migrat\$4 with position)            | US-PGPUB;<br>USPAT | OR              | ON | 2007/05/01 18:46 |
| S27<br>6 | 0     | S273 and (fractionat\$4 with position)        | US-PGPUB;<br>USPAT | OR              | ON | 2007/05/01 18:46 |
| S27<br>7 | 1     | S273 and (fractionat\$4n)                     | US-PGPUB;<br>USPAT | OR              | ON | 2007/05/01 19:16 |
| S27<br>8 | 1     | S259 and (reverse with field)                 | US-PGPUB;<br>USPAT | OR              | ON | 2007/05/01 19:12 |
| S27<br>9 | 1     | "6696022".pn. and (reverse)                   | US-PGPUB;<br>USPAT | OR              | ON | 2007/05/01 19:13 |
| S28<br>0 | . 0   | "6696022".pn. and (inver\$4 with field)       | US-PGPUB;<br>USPAT | OR              | ON | 2007/05/01 19:16 |
| S28<br>1 | 1     | "6696022".pn. and (inver\$4)                  | US-PGPUB;<br>USPAT | OR              | ON | 2007/05/01 19:14 |
| S28<br>2 | 97621 | electrophore\$4 and separat\$4 and sample     | US-PGPUB;<br>USPAT | OR              | ON | 2007/05/01 19:15 |
| S28<br>3 | 503   | S282 and (main with branch)                   | US-PGPUB;<br>USPAT | OR              | ON | 2007/05/01 19:15 |

| S28      | 93    | S283 and (fractionat\$4)  | US-PGPUB;          | OR   | ON | 2007/05/01 19:16 |
|----------|-------|---|--------------------|------|----|------------------|
| 4        |       | See and (magnetic sy  | USPAT              |      |    | 2007/03/01 13:10 |
| S28<br>5 | 0     | S284 and ((inver\$4 or reverse) with field)                                       | US-PGPUB;<br>USPAT | OR   | ON | 2007/05/01 19:17 |
| S28<br>6 | 34    | S282 and ((inver\$4 or reverse) with field) and (main adj3 channel)               | US-PGPUB;<br>USPAT | OR   | ON | 2007/05/01 19:18 |
| S28<br>7 | 0     | S282 and ((inver\$4 or reverse) with field) with (main adj3 channel)              | US-PGPUB;<br>USPAT | OR   | ON | 2007/05/01 19:17 |
| S28<br>8 | 2897  | (204/450-456,547,549,556,600-606,<br>643,645).ccls.                               | US-PGPUB;<br>USPAT | OR   | ON | 2007/05/02 10:04 |
| S28<br>9 | 2203  | (250/288,295).ccls.   | US-PGPUB;<br>USPAT | OR   | ON | 2007/05/02 10:05 |
| S29<br>0 | 11162 | (422/63,68.1,99-104).ccls.  | US-PGPUB;<br>USPAT | OR   | ON | 2007/05/02 10:05 |
| S29<br>1 | 2417  | (436/47,52,53,180).ccls.  | US-PGPUB;<br>USPAT | OR   | ON | 2007/05/02 10:06 |
| S29<br>2 | 2406  | (435/29,173.9).ccls.  | US-PGPUB;<br>USPAT | OR   | ON | 2007/05/02 10:06 |
| S29<br>3 | 18903 | S288 or S289 or S290 or S291 or<br>S292   | US-PGPUB;<br>USPAT | OR   | ON | 2007/05/02 10:06 |
| S29<br>4 | 4201  | S293 and (sample adj3 (separat\$4 or select\$4 or fractionat\$4))                 | US-PGPUB;<br>USPAT | OR   | ON | 2007/05/02 10:09 |
| S29<br>5 | 448   | S294 and (electrophores\$4 with (electric adj1 field)) and (channel or capillary) | US-PGPUB;<br>USPAT | OR   | ON | 2007/05/02 10:09 |
| S29<br>6 | 34    | S295 and (field near3 revers\$4)  | US-PGPUB;<br>USPAT | OR   | ON | 2007/05/02 10:10 |
| S29<br>7 | 198   | S295 and (positive with negative)   | US-PGPUB;<br>USPAT | OR   | ON | 2007/05/02 10:11 |
| S29<br>8 | 4     | S295 and ((positive with negative) with alternat\$4)                              | US-PGPUB;<br>USPAT | OR   | ON | 2007/05/02 10:23 |
| S29<br>9 | 30    | S296 and S297   | US-PGPUB;<br>USPAT | OR   | ON | 2007/05/02 10:12 |
| S30<br>0 | 0     | S298 and S299   | US-PGPUB;<br>USPAT | OR   | ON | 2007/05/02 10:12 |
| S30<br>1 | 2     | "6518022".pn. or "5942093".pn.  | US-PGPUB;<br>USPAT | OR . | ON | 2007/05/02 10:24 |
| S30<br>2 | 1     | "6518022".pn. and checkerboard  | US-PGPUB;<br>USPAT | OR   | ON | 2007/05/02 10:24 |